

Claims

1. Mechanism for displaying the moon phases with an upper disc or moon dial (1) and a lower disc or moon indicator (2) mounted concentrically to it, with one of these
5 discs being mounted rotatably relative to the other, characterized in that the moon dial (1) has two windows (1a, 1b) in order to allow for the different appearance of the moon phases in the northern and southern hemisphere of the earth.
2. Mechanism according to the preceding claim, characterized in that it is
10 arranged in such a way that the moon phases are displayed simultaneously for both hemispheres while allowing for their different appearance in the northern and southern hemisphere of the earth.
3. Mechanism according to claim 1, characterized in that it is arranged in such a
15 way that the moon phases are displayed for one hemisphere while allowing for their different appearance in the northern and southern hemisphere of the earth.
4. Mechanism according to one of the preceding claims, characterized in that the
moon indicator (2) has a graphical design on its surface turned toward the moon dial
20 (1) which in cooperation with the windows (1a, 1b) of the moon dial (1) is adapted to display the moon phases.
5. Mechanism according to the preceding claim, characterized in that the
graphical design of the moon indicator (2) comprises at least one dark region (2a)
25 representing the part of the moon's surface that is not illuminated, and at least one bright region (2b) representing the illuminated part of the moon's surface.
6. Mechanism according to the preceding claim, characterized in that the
graphical design of the moon indicator (2) comprises two dark circular areas having the
30 size of the windows (1a, 1b) of the moon dial (1) as well as a bright background.

7. Mechanism according to claim 5, characterized in that the graphical design of the moon indicator (2) comprises a dark region and a bright region delimited against each other by two arched separating lines having a radius that corresponds to the size of the windows (1a, 1b) of the moon dial (1).

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8. Mechanism according to one of the preceding claims, characterized in that the windows (1a, 1b) of the moon dial (1) are arranged on opposite sides of and at equal distances from the centre of this dial.

10 9. Mechanism according to one of the preceding claims, characterized in that a moon indicator wheel (4) and the moon dial (1) are attached to a shaft (3) so that they rotate in synchronization while the moon indicator (2) is stationary.

15 10. Mechanism according to one of claims 1 to 8, characterized in that a moon indicator wheel (4) and the moon indicator (2) are attached to a shaft (3) so that they rotate in synchronization while the moon dial (1) is stationary.

20 11. Mechanism according to one of the two preceding claims, characterized in that a day star wheel (6a) mounted on a day wheel (6) and passing on the drive power is advanced once a day by one tooth, such that the day wheel (6) drives the moon indicator wheel (4) via a moon phase intermediate wheel (5).

12. Watch, characterized in that it comprises a mechanism for displaying the moon phases according to one of the preceding claims.